

Claims

What is claimed is:

1. A system, method and computer program that receives data from an image acquisition device comprising a regular x-ray screening device, tries to recognize each object in said data, and pinpoints each object it is trained to recognize along with its class and hazard level.
2. The system of claim 1 further comprises a different kind or more sophisticated image acquisition device comprising x-ray body scanner and infrared scanner.
3. The system of claim 1 further comprises a different or more sophisticated image processing, image correction, and image enhancement engine.
4. The system of claim 1 further comprises a different or more sophisticated object recognition engine.
5. The method of claim 1 further comprises other kinds of user interfaces, comprising audio output.
6. A computer program product having a computer readable medium having computer program logic recorded thereon that receives data from an image acquisition device comprising a regular x-ray screening device, try to recognize each object in said data, and pinpoint each object it is trained to recognize along with its class and hazard level.
7. The computer program of claim 6 wherein said program further comprises a remote database.

8. The computer program of claim 6 wherein said program further comprises distributed processing.
9. A neural networks structure having shift registers or ring buffers that exchanges the input to neurons in a layer.
10. The neural networks structure of claim 9 wherein said structure further comprises competitive learning or layer.
11. The neural networks structure of claim 9 wherein said structure further comprises normalization.